



Appl. No. 10/715,099  
August 22, 2005

Amendments to the Claims:

This listing of claims replaces all previous versions, and listings, of the claims in this application.

Listing of the Claims:

Claim 1. (currently amended) A storage container for receiving and storing a contact lens comprising:

an upper chamber for containing liquid having an opening through which the contact lens can be placed into the chamber, said upper chamber having a bottom portion having at least one passageway, said at least one passageway permitting liquid to flow out of the upper chamber,

a contact lens supporting device on said bottom portion of said upper chamber, said contact lens supporting device being a dome-shaped structure providing for maintaining the position of the contact lens on said bottom portion of said upper chamber [the contact lens supporting device] while the contact lens is stored in the container and permitting inversion of a contact lens when the contact lens is received in the storage container; and

a lower chamber for containing liquid, said lower chamber having a deformable portion which allows a user to permit liquid in said upper chamber to flow through said passageways in said bottom portion of said upper chamber to said lower chamber when a user deforms said deformable portion of said lower chamber such that said contact lens supporting device is free of liquid.

Claim 2. (cancelled).

Claim 3. (cancelled)

Claim 4. (cancelled)

Claim 5. (cancelled)

Claim 6. (cancelled)

Claim 7. (cancelled)

Claim 8. (cancelled)

Claim 9. (cancelled)

Claim 10. (cancelled)

Claim 11. (cancelled)

Claim 12. (cancelled)

Claim 13. (cancelled)

Claim 14. (cancelled)

Claim 15. (currently amended) A combination for handling and storing contact lens, the combination comprising:

(a) a storage container for receiving and storing a contact lens comprising:  
an upper chamber for containing liquid having an opening through which the contact lens can be placed into the chamber, said upper chamber having a bottom portion having at least one passageway, said at least one passageway permitting liquid to flow out of the upper chamber,

a contact lens supporting device on said bottom portion of said upper chamber, said contact lens supporting device being a dome-shaped structure providing for maintaining the position of the contact lens on said bottom portion of said upper chamber [the contact lens supporting device] while the contact lens is stored in the container and permitting inversion of a contact lens when the contact lens is received in the storage container; and

a lower chamber for containing liquid, said lower chamber having a deformable portion which allows a user to permit liquid in said upper chamber to flow through said passageways in said bottom portion of said upper chamber to said lower chamber when a user deforms said deformable portion of said lower chamber such that said contact lens supporting device is free of liquid; and

(b) an inserting and handling device comprising:

a main body having:

a first end having a first opening;

a second end having a second opening; and

an axial channel extending from the first opening to the second opening;

and

a bulb over the second opening on the second end of the main body which upon being deformed by a user discharges air from the main body out of the axial channel and upon the application of a lesser force permits a vacuum to be formed in the axial channel and in the bulb;

a suction cup located at the first end of the main body having a suction cup opening which leads to and communicates with the axial channel; and

a vacuum bleed hole on the main body which leads to and is in communication with the axial channel, said vacuum bleed hole being located at a position on said main body such that a user holding the inserting and handling device can seal the vacuum bleed hole on the main body when the bulb is being deformed and a vacuum is present in the axial channel thus permitting the suction cup to grasp an object, and release the object when the user unseals the vacuum bleed hole.

Claim 16. (cancelled)

Claim 17. (previously presented) A combination according to claim 15 wherein the deformable portion is in the form of bellows.

Claim 18. (previously presented) A combination according to claim 15 wherein the deformable portion is in the form of pleats.

Claim 19. (previously presented) A combination according to claim 15 wherein the deformable portion is in the form of an accordion shaped structure.

Claim 20. (previously presented) A combination according to claim 16 wherein the dome-shaped structure is a continuous surface and has ribs which extend from the bottom portion of the upper chamber to an apex of the dome-shaped structure.

Claim 21. (previously presented) A combination according to claim 15 wherein the inserting and handling device is a contact lens inserting and handling device and the suction cup is capable of receiving a contact lens.

Claim 22. (previously presented) A combination according to claim 21 wherein the main body is generally cylindrical.

Claim 23. (previously presented) A combination according to claim 22 further comprising a removable cover for covering the suction cup and the main body.